

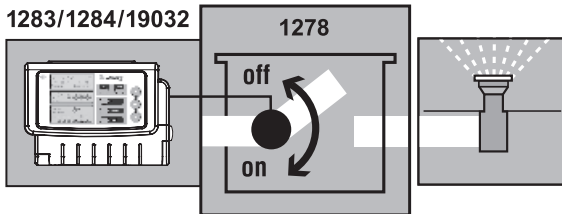
Art. 1278

EN Operator's manual
Irrigation Valve 24 V

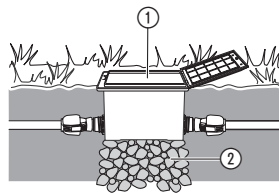
1278

1283/1284/19032

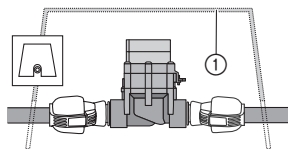
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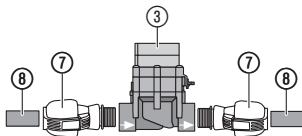
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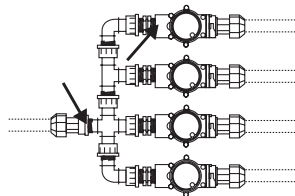
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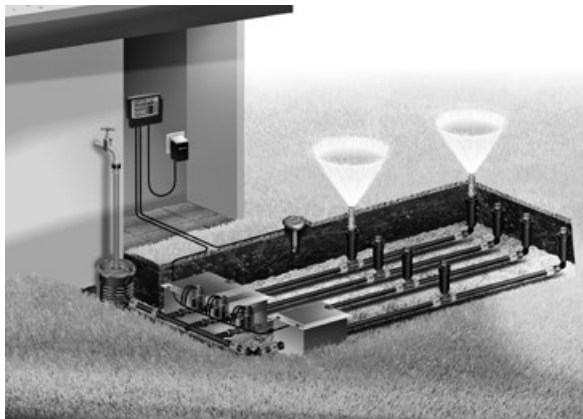
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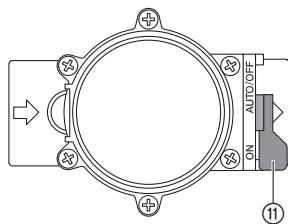
I5



I3



O1



GARDENA Irrigation Valve 24 V

EN

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into separate sections in case of varying watering needs for different plant areas or if there is insufficient water available for simultaneous operation of the entire watering system.

The Irrigation Valve is installed upstream in the watering system (e.g. Pop-up Sprinklers; Micro-Drip-System), for example, in the ground.

Original instructions.



For safety reasons, children and young people under 16 as well as anyone who is not familiar with these operating instructions should not use the product. Persons with reduced physical or mental abilities may use the product only if they are supervised or instructed by a responsible person. Children must be supervised to ensure that they do not play with the product. Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.

Intended use:

The Irrigation Valves are intended solely for outdoor use for fully automatic control of individual irrigation systems. It is a benefit to arrange a watering system

Please note:

Compliance with the enclosed operating instructions provided by GARDENA is a prerequisite for proper use of the Irrigation Valve.

Fig. 1278:

Together with Water Controls **1283/1284/19032**, Irrigation Valve **1278** forms part of a watering system.



The Irrigation Valve should only be used in conjunction with Water Controls approved by GARDENA.

1. SAFETY

IMPORTANT!

Read the operator's manual carefully before use and keep for future reference.

→ Please observe the notes on safety in the operating instructions.

Blocking the Irrigation Valve:

→ **In the case of dirty water, the GARDENA Central Filter Art. 1510 must be installed upstream in the watering system.**

Water pressure:

The function of your watering system depends on the available water pressure. Therefore, care should be taken not to overlap watering cycles of the various watering circuits and to ensure that the watering circuits you have planned will be supplied with sufficient water at an adequate pressure.

Please refer to the planning instructions in the special brochure entitled "Watering Systems – Sprinklersystem Planning Guide" available from GARDENA.

DANGER!

This product makes an electromagnetic field while it operates. This field may under some conditions interfere with active or passive medical implants. To decrease the risk of conditions that can possibly injure or kill, we recommend persons with medical implants to speak with their physician and the medical implant manufacturer before you operate the product.

DANGER!

Small parts can be easily swallowed. There is also a risk that the polybag can suffocate toddlers. Keep toddlers away when you assemble the product.

2. INITIAL OPERATION

If the Irrigation Valve is installed below ground level, it must be installed in a sturdy and step-proof valve mount ① (valve box) e.g. **GARDENA Art. 1254/1255/1290/1292**.

Install the valve mount [Fig. I1/I2]:

1. Draw up a plan (see e.g. Fig. I3).
Additional information is provided in the GARDENA Sprinklersystem Planning Guide which is available from your GARDENA dealer.
2. For underground installation, place a layer of coarse gravel ② underneath the valve mount ①.
This ensures proper drainage of the box.
3. Install the valve box with the top edge of the box at ground level.
This avoids damage when mowing the lawn.

Please refer to the relevant operating instructions for information on how to install the Irrigation Valves in GARDENA Valve Boxes V1 and V3.

Installing the Irrigation Valve without a Valve Box [Fig. I4]:

The integrated solenoid valve works only correctly with the Irrigation Valve connected in flow direction.



CAUTION!
Flow direction!

→ Pay attention to the flow direction (arrows) when installing the Irrigation Valve ③.

→ Seal the screw connections with PTFE sealing tape, **Art. 7219**.

Connecting GARDENA Connecting pipes ⑧ (2700/2701/2718) or other commercially available connecting pipes:

1. Screw a **GARDENA Connector ⑦ 2763** (1" = 25 mm) into the Irrigation Valve ③.
2. Connect the GARDENA connecting pipes ⑧ or other commercially available connecting pipes (25 mm).

Conventional installation [Fig. I5]:

If using **Art. 2750/2751/2752/2753/2755** the points marked with an arrow must be sealed with sealing tape (e.g. **Art. No. 7219**).

3. OPERATION

Adjusting valve control [Fig. O1]:

Fully Automatic Control:

→ Set selection lever ⑪ to “**AUTO/OFF**”.

Program-controlled water flow to watering system as per programming on Water Control.

An automatically opened valve cannot be closed manually.

Manual Control:

→ Set selection lever ⑪ to “**ON**”.

Permanent water flow, independent of the programming.

4. STORAGE

To put into storage/Winter storage:

GARDENA Irrigation Valves are intended for outdoor use and are only frost-proof to a limited extent. The only way to protect your Irrigation Valves completely is to remove the valves before the frosty season begins. Alternatively, you can drain the pipeline system upstream and downstream of the Irrigation Valve.

Emptying the pipeline system UPSTREAM of the valve [Fig. O1]:

1. Turn off the tap and disconnect the hose between the tap and the **GARDENA Water Connection Point Art. 2722**.

This allows the air to flow freely and the supply line can be drained using the drain valve integrated in the Connecting Point. This requires that the Connecting Point be installed deeper in the ground than the Irrigation Valve.

2. If the watering system is directly connected to the water tap, turn off the water supply and open the venting tap.
3. Set the selection lever ⑪ of all valves to the “**ON**” position.
4. If you are using the GARDENA Valve Box V3, make sure you open the integrated drain cap.

Emptying the pipeline system **DOWNSTREAM** of the valve:

Requirement: The Drainage Valve must be installed deeper than or at the same depth as the Irrigation Valve.

→ Install a GARDENA Drainage Valve **Art. 2760** immediately after the valve.

The system is drained automatically via the the GARDENA Drainage Valve.

→ If neither of these requirements is fulfilled, the valve must be removed and stored in a place safe from frost.

Disposal:

(in accordance with RL2012/19/EC)



The product must not be disposed of to normal household waste. It must be disposed of in line with local environmental regulations.

Important! Dispose of the product through or via your municipal recycling collection centre.

5. TROUBLESHOOTING

Problem	Possible Cause	Remedy
Solenoid valve does not open, no water flow	No water supply.	→ Turn on water supply.
	Control Unit/Radio Receiver/Watering Controller not connected correctly to Irrigation Valve.	→ Connect Control Unit/Radio Receiver/Watering Controller correctly to Irrigation Valve.

Problem	Possible Cause	Remedy
Solenoid valve does not close, continuous water flow	Solenoid valve installed opposite to flow direction.	→ Turn solenoid valve (observe the flow direction).
	Selection lever (II) set to “ON” .	→ Set selection lever (II) to “AUTO/OFF” .



NOTE: For any other malfunctions please contact the GARDENA service department. Repairs must only be done by GARDENA service departments or specialist dealers approved by GARDENA.

6. TECHNICAL DATA

<i>Solenoid Valve</i>	Unit	Value 24 V (Art. 1278)
Voltage	V	24 (AC)
Operating pressure	bar	0,5 to 12
Flow medium		clean fresh water
Max. water temperature	°C	40

7. SERVICE/WARRANTY

Service:

Please contact the address on the back page.

Warranty statement:

In the event of a warranty claim, no charge is levied to you for the services provided.

GARDENA Manufacturing GmbH grants a warranty for all original GARDENA new products for two years from the date of original purchase from the retailer, provided that the devices have been for private use only. This manufacturer's warranty does not apply to products acquired second hand. This warranty includes all significant defects of the product that can be proved to be material or manufacturing faults. This warranty is fulfilled by supplying a fully functional replacement product or by repairing the faulty product sent to us free of charge; we reserve the right to choose between these options. This service is subject to the following provisions:

- The product has been used for its intended purpose as per the recommendations in the operating instructions.
- Neither the purchaser nor a third party has attempted to open or repair the product.
- Only Original GARDENA replacement parts and wear parts have been used for operation.

- Presentation of the receipt.

Normal wear and tear of parts and components (such as blades, blade fixing parts, turbines, light bulbs, V-belts/toothed belts, impellers, air filters, spark plugs), visual changes, wear parts and consumables are excluded from the warranty.

This manufacturer's warranty is limited to replacement and repair of products in accordance with the abovementioned conditions. The manufacturer's warranty does not constitute an entitlement to lodge other claims against us as a manufacturer, such as for damages. This manufacturer's warranty does **not**, of course, affect statutory and contractual warranty claims against the dealer/retailer.

The manufacturer's warranty is governed by the law of the Federal Republic of Germany.

In case of a warranty claim, please return the faulty product, together with a copy of the receipt and a description of the fault, with postage paid to the service address.

Consumables:

Faults with the Irrigation Valve caused by incorrectly installed batteries or leaking batteries in the Control Unit/Radio Receiver are not covered by the guarantee.

DE Produkthaftung

Wir weisen ausdrücklich darauf hin, dass wir in Übereinstimmung mit dem Produkthaftungsgesetz nicht für Schäden haften, die durch unsere Produkte entstehen, wenn diese unsachgemäß und nicht durch einen von uns autorisierten Servicepartner repariert wurden oder wenn keine Original GARDENA Teile oder von uns zugelassene Teile verwendet wurden.

SV Produktansvar

I enlighet med tyska produktansvarslagar förklarar vi härmed uttryckligen att vi inte åtar oss något ansvar för skador som orsakas av våra produkter där produkterna inte har genomgått korrekt reparation från en GARDENA-godkänd servicepartner eller där originaldelar från GARDENA eller delar godkända av GARDENA inte använts.

EN Product liability

In accordance with the German Product Liability Act, we hereby expressly declare that we accept no liability for damage incurred from our products where said products have not been properly repaired by a GARDENA-approved service partner or where original GARDENA parts or parts authorised by GARDENA were not used.

DA Produktansvar

I overensstemmelse med den tyske produktansvarslov erklærer vi hermed udtrykkeligt, at vi ikke påtager os noget ansvar for skader på vores produkter, hvis de pågældende produkter ikke er blevet repareret korrekt af en GARDENA-godkendt servicepartner, eller hvor der ikke er brugt originale GARDENA-reservedele eller godkendte reservedele fra GARDENA.

FR Responsabilité

Conformément à la loi relative à la responsabilité du fait des produits défectueux, nous déclarons expressément par la présente que nous déclinons toute responsabilité pour les dommages résultant de nos produits, si lesdits produits n'ont pas été correctement réparés par un partenaire d'entretien agréé GARDENA ou si des pièces d'origine GARDENA ou des pièces agréées GARDENA n'ont pas été utilisées.

FI Tuotevastuu

Saksan tuotevastuulain mukaisesti emme ole vastuussa laitteiden vaurioista, jos korjauksia ei ole tehnyt GARDENAn hyväksymä huoltoliike tai jos niiden syynä on muiden kuin alkuperäisten GARDENA-varaosien tai GARDENAn hyväksymien varaosien käyttö.

NL Productaansprakelijkheid

Conform de Duitse wet inzake productaansprakelijkheid verklaren wij hierbij uitdrukkelijk dat wij geen aansprakelijkheid aanvaarden voor schade ontstaan uit onze producten waarbij deze producten niet zijn gerepareerd door een GARDENA-erkende servicepartner of waarbij geen originele GARDENA-onderdelen of onderdelen die door GARDENA zijn goedgekeurd zijn gebruikt.

IT Responsabilità del prodotto

In conformità con la Legge tedesca sulla responsabilità del prodotto, con la presente dichiariamo espressamente che decliniamo qualsiasi responsabilità per danni causati dai nostri prodotti qualora non siano stati correttamente riparati presso un partner di assistenza approvato GARDENA o laddove non siano stati utilizzati ricambi originali o autorizzati GARDENA.

ES Responsabilidad sobre el producto

De acuerdo con la Ley de responsabilidad sobre productos alemana, por la presente declaramos expresamente que no aceptamos ningún tipo de responsabilidad por los daños ocasionados por nuestros productos si dichos productos no han sido reparados por un socio de mantenimiento aprobado por GARDENA o si no se han utilizado piezas originales GARDENA o piezas autorizadas por GARDENA.

RO Răspunderea pentru produs

În conformitate cu Legea germană privind răspunderea pentru produs, declaram în mod expres prin prezentul document că nu acceptăm nicio răspundere pentru defecțiunile suferite de produsele noastre atunci când acestea nu au fost reparate în mod corect de un atelier de service partener, aprobat de GARDENA, sau când nu au fost utilizate piese GARDENA originale sau piese autorizate de GARDENA.

PT Responsabilidade pelo produto

De acordo com a lei alemã de responsabilidade pelo produto, declaramos que não nos responsabilizamos por danos causados pelos nossos produtos, caso os tais produtos não tenham sido devidamente reparados por um parceiro de assistência GARDENA aprovado ou se não tiverem sido utilizadas peças GARDENA originais ou peças autorizadas pela GARDENA.

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